

PATENT ABSTRACTS OF JAPAN

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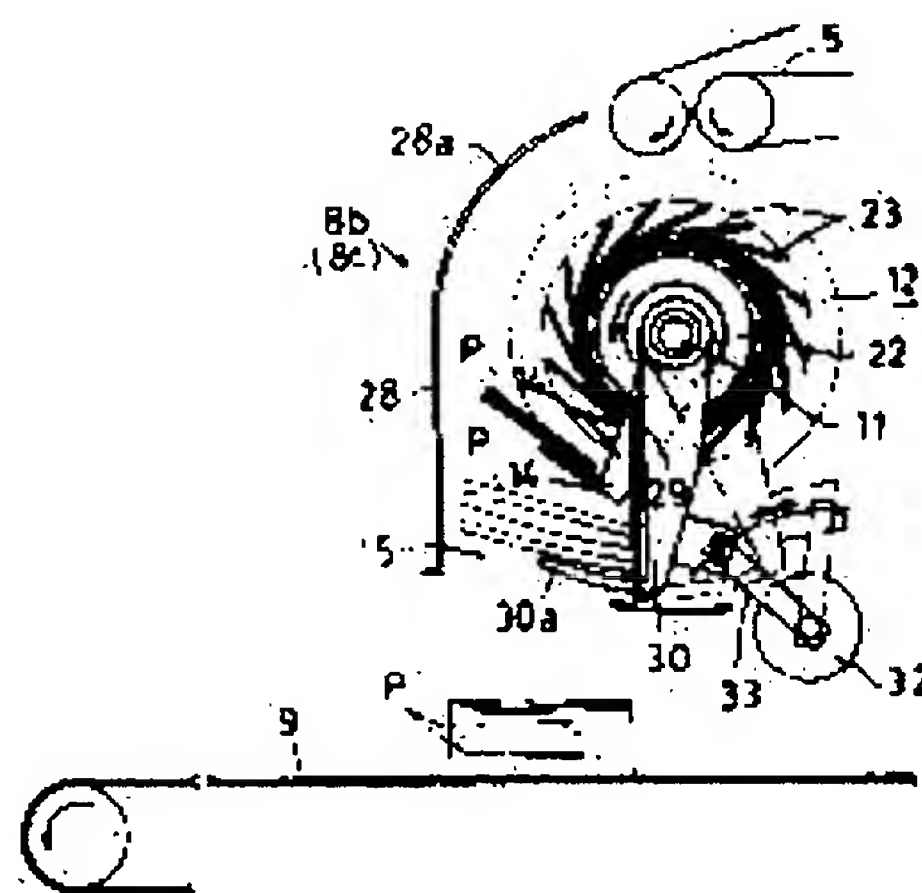
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(54) COLLECTOR DEVICE OF PAPER SHEET

(57)Abstract:

PURPOSE: To surely divisionally collect every prescribed number of paper sheet, by receiving the paper sheet guided through an impeller and the paper sheet held temporarily held with a divisional collector unit to both support and swingably displace as necessary the paper sheet.

CONSTITUTION: A note P successively conveyed in a conveying path 5 is carried out toward a rotary impeller 12 from a discharge end of the path. Here a divisional collector unit 14 is stopped to a corresponding position as shown in the drawing in a collecting chamber 15. In this way, the note P is carried downward under a condition interposed between blades 23 and placed on the unit 14. If a prescribed number of sheet of the note P is collected on the unit 14, rotation of a supporting shaft 11 is transmitted to the unit 14 through a clutch to turn the unit 14 with the impeller 12. In this way, a collected note group P... is drawn by a guide plate 29 and dropped onto a collective discharge unit 30. And then the unit 30, when the note P reaches a prescribed number of collected sheet, is swingably displaced downward to drop the note group P... on a discharge belt 9.



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